

- 11 -

special geometry of the mixing chamber. For a given special geometry of the mixing chamber and the three dimensionality of the flow there exists a selective receptivity of the unstable shear layer between the two streams by a frequency, which depends on the geometry and size of the mixing chamber. The excitation under this suitable frequency leads to a continuous, very homogeneous mixing over a short downstream distance from the trailing edge.]

Extension of Time

Agent for Applicant authorizes The Commissioner of Patents to withdraw the sum of \$55.00 for a one month extension of time to respond to the office action from our Deposit Account No. 11-0687.

Deposit Account Authorization

The Commissioner of Patents is hereby authorized to charge any deficiency or credit any overpayment in the total fees to Deposit Account No. 11-0687.

Additional Information

Agent for Applicant respectfully includes to cites for the Examiner's review. These cites discuss the basic concepts of the invention and will hopefully help the Examiner's understanding of the invention.

H. E. Fiedler & H. H. Fernholtz (1990) "On management and control of turbulent shear flows". *Prog. Aerospace Sci.* vol 27, pp305-387

H. E. Fiedler & P. Mensing (1985) The plane turbulent shear layer with periodic excitation". *Journal of Fluid Mechanics*, vol 150, pp281-309

- 12 -

C. -M. Ho & P. Huerre (1984) "Perturbed free shear layers". *Annual Review of Fluid Mechanics*. vol 16, pp365-423

G.R. Wang (1999) "Turbulent Mixing, Stability and Secondary Flow in a Confined Configuration". Dissertation, Technical University Berlin, Germany, also published in *Wissenschaftliche Schriftenreihe Stroemungstechnik*, Bd. 8. ISBN 3-89574-376-3, Verlag Dr. Koester, Germany, 2000.

G.R. Wang (2000) "On large structures and turbulent mixing in confined mixing layers under active control" submitted to *Journal of Fluid Mechanics*, (2000).

Conclusion

Applicant respectfully states that the application is now in a condition for immediate allowance and respectfully solicits same.

Yours faithfully,



Agent for Applicant
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